

David S. Komm, President
Augspurger Komm Engineering, Inc. & BTI Consultants
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EDUCATION

B.S. in Mechanical Engineering, Michigan Technological University, 1982
M.S. in Mechanical Engineering, University of Connecticut, 1986
Masters in Business Administration, University of Phoenix, 1991

EXPERIENCE

Mr. Komm has over twenty six years experience in engineering and the forensic sciences, including examination of explosion causation, product failures and personal injuries. His experience in both private practice and high-technology industry provides for his ability to bring state of the art, practical solutions to forensic analysis and expert testimony. Areas of investigation and expertise include:

- Explosion Causation & Analysis
- Fire Cause & Origin
- Carbon Monoxide Exposure
- Personal Injury & Property Damage
- Product Liability/Design Defect
- Trip and Fall/Slip and Fall
- Sports and Recreational Equipment & Facilities
- Electrocutation/Electrification
- Lightning Strike

Mr. Komm also has extensive experience in industrial prototype development, prototype testing, risk assessment, failure mode and effect analysis and design for cost and quality. He is the principal at Augspurger Komm Engineering, Inc. and BTI Consultants.

PROFESSIONAL REGISTRATION

State of Arizona, Mechanical Engineer #22945
State of California, Mechanical Engineer #M32427
State of Colorado, Mechanical Engineer #43407
State of Nevada, Mechanical Engineer #016684
State of New Mexico, Mechanical Engineer #15993
State of Texas, Mechanical Engineer #99074
State of Utah, Mechanical Engineer #5998466-2202
State of Washington, Mechanical Engineer #47484
National Association of Fire Investigators, Certified Fire and Explosion Investigator, #9903-7857
Association of Professional Engineers, Geologists and Geophysicists of Alberta, #M128117

PROFESSIONAL AFFILIATIONS

American Society of Testing and Materials
 Member of the E58 Committee on Forensic Engineering
 Member of the E30 Committee on Forensic Sciences
 Member of the F08 Committee on Sports Equipment and Facilities
National Academy of Forensic Engineers, Senior Member #737S
National Society of Professional Engineers
American Society of Mechanical Engineers
National Fire Protection Association
National Association of Fire Investigators
International Association of Arson Investigators
American Society of Civil Engineers
International Code Council
National Association of Subrogation Professionals
American Society of Materials

RECENT SEMINARS

Electric Arc Explosions & Arcing Damage, IAAI, Las Vegas, NV, May 5, 2011
Gas Related Fires & Appliances, IAAI, Las Vegas, NV, May 4, 2011
Computer Fire Modeling, NAFI, Newport Beach, CA, March 6, 2011
General Topics in Forensic Engineering, January 15, 2011 - NAFE
General Topics in Forensic Engineering, July 16-17, 2010 - NAFE
Evolving Standards for Fire Investigation, March 23, 2010 - PLRB/LIRB
Depositions and Neutral Evaluation Conference, January 17, 2010 – NAFE
General Topics in Forensic Engineering Conference, January 16, 2010 - NAFE
Pre-Post Katrina Tour, New Orleans, LA January 14, 2010 - NAFE
AZ BTR, “Standards of Conduct in the Public Sector,” December 4, 2009
Lessons Learned from Forensic Engineering, SEAA, November 17, 2009
Advanced Topics in Accident Reconstruction, July 19, 2009 - NAFE
General Topics in Forensic Engineering, July 18, 2009 - NAFE
Forensic Science in the 21st Century Conference, April 3-4, 2009
National Academy of Forensic Engineers Seminar, January 16-18, 2009 - NAFE
Forensic Photography Techniques, Michael Wilson, December 18, 2008
Fire, Blast & Impact Effects on Steel Structures, December 16, 2008 - CTFIA
General Topics in Forensic Engineering, July 26, 2008 – NAFE
Structural Design for Blasts and Explosions, September 19-21, 2007 - ASCE
General Topics in Forensic Engineering, July 28, 2007 - NAFE
Structural Welding Inspection, March 7, 2007 - SSTC

PUBLICATIONS

David S. Komm, P.E., C.F.E.I. and Joseph Tomei, "Non-Destructive Examination of Plastic Failure," Subrogator Magazine, Winter, 2011

David S. Komm, P.E., C.F.E.I., Quent Augspurger, P.E., and Hugh J. McSpadden, "Forensic Engineering Investigation of Basketball Goal Support Failure," International Symposium on Safety Science and Technology, Beijing, China, October, 2010

Eric A. Beebe, E.I.T., Kevin W. Hollander, Ph.D., David S. Komm, P.E., and Todd A. Springer, E.I.T., "Non-Destructive Testing Methods for Examination of Failed Plastic Parts," ASME Early Technical Conference, Arlington, TX, April 2009

David S. Komm, P.E., Kevin Hollander, Ph.D., Eric A. Beebe, E.I.T., Hugh J. McSpadden, "Steps Used to Analyze the Failure of an Exterior Suspended Ceiling," International Symposium on Safety Science and Technology, Beijing, China, September, 2008

PRESENTATIONS

Forensic Engineering Analysis of Baseball Ballistics, NAFE, Orlando, FL, July 17, 2010

Catastrophic Activities and Forensic Engineering, Hartford Insurance, Elgin, IL, May 10, 2010

Introduction to Forensic Engineering, Arizona State University, Tempe, AZ

Propane Fueled Residential Gas Explosion, NAFE, New Orleans, LA, January 16, 2010

Ralcorp Safety & Security Conference, St Louis, MO, October 14, 2009

Forensic Engineering and Expert Witness Testimony, SAE, Arizona Chapter, February 19, 2009

Fire, Cause & Origin Presentation, Sons of the American Revolution, September 12, 2008

Forensic Engineer/Expert Witness as a Career, Xavier College Preparatory, March 11, 2005

Forensic Engineering as a Career, Apollo High School, Phoenix, Arizona, February 18, 2004

EXPERIENCE

2000 - Augspurger Komm Engineering, Inc. and BTI Consultants, President

1999-2000 Southwest Biophysics, Inc., Vice President Engineering

1987-1999 Honeywell International, Inc., Engineering Director

1983-1987 Pratt and Whitney Aircraft, Senior Engineer

BOARDS AND APPOINTMENTS

Arizona Board of Technical Registration Board Member, 2009 –

Arizona Council of Engineering Companies Board Member, 2007 – 2011